

CALFED Byron Tract and Veale Tract Water Quality Actions

Next Steps

Short Term (Early Implementation for Stage 1, proposal by late fall 1999)

- *Site Visit* Schedule CALFED site visit (Heath, Shum).
- *Stakeholders* Outreach to stakeholders not represented in September 8 meeting (Heath).
- *Byron Tract Mitigation* Quantify reductions in loads and concentrations of salt, TOC, and other constituents of concern discharged from Byron Tract for different mitigation approaches (Shum).¹
- *Veale Tract Mitigation* Quantify loads and concentrations of salt, TOC, and other constituents of concern discharged from Veale Tract and other discharges, including groundwater seepage into Rock Slough and Contra Costa Canal. Compare water quality measurements to drainage discharge records where available. Estimate storage requirements for withholding drainage for up to 6 weeks (Shum).²
- *Costs* Cost estimate for different mitigation approaches (Heath and Shum).
- *Affected Stakeholders* Contact all parties affected by mitigation actions for further consideration to assure that all controversial issues are resolved before submission of proposal (Heath).

Long Term (Stage 1 and Stage 2)

- *Regional Approach* Quantify loads and concentrations of salt, TOC, and other constituents of concern in the discharges from all tracts in the region based on MWQI data on water quality and DWR/USGS data/estimates on discharge volume (Breuer, Shum).
- *Wetlands for Discovery Bay WWTP effluents* Explore alternatives to create wetlands for the discharge of treated wastewater (Koehne, Shum)

¹ CCWD's consultant has obtained preliminary estimates for the following options:

- ✓ Extend outfall or add a diffuser such that the near field dispersion would not reach the Los Vaqueros intake
- ✓ Manage timing of drainage discharge to only when Old River flow is to the south

² CCWD has obtained preliminary estimates for the following:

- ✓ Reductions if Veale Tract's Rock Slough pump station is mothballed and discharge is limited to the No Name Slough
- ✓ Sources of degradation along Rock Slough and Contra Costa Canal between Old River and CCWD Pumping Plant No.1.